

ABSTRACT OF THE DISCLOSURE

[0124] A system and method for solving a computationally intensive problem using a virtual supercomputer comprising a plurality of multipurpose workstations. The virtual supercomputer and application software for solving the computationally intensive problem are adapted for minimum impact on the multipurpose workstations which may be used for performing other tasks as needed by primary users. The computationally intensive problem is solved by the virtual supercomputer using any excess computational resources available on the multipurpose workstations.